

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A medical solution comprising a first single solution containing glucose and/or a glucose-like compound, wherein said first single solution has a pH in the range of 1.8 - 2.6.
2. (Currently Amended) ~~The~~ A medical solution according to claim 1, wherein said first single solution has a pH in the range of 2.0 - 2.6.
3. (Currently Amended) ~~The~~ A medical solution according to claim 1, wherein said first single solution has a pH in the range of 1.8 - 2.5.
4. (Currently Amended) ~~The~~ A medical solution according to claim 1, wherein said first single solution has a pH in the range of 2.0 - 2.5.
5. (Currently Amended) ~~The~~ A medical solution according to claim 1, wherein said first single solution has a pH in the range of 1.8 - 2.3.
6. (Currently Amended) ~~The~~ A medical solution according to claim 1, wherein said first single solution has a pH in the range of 2.0 - 2.3.
7. (Currently Amended) ~~The~~ A medical solution according to ~~any of the previous claims~~ claim 1, wherein the medical solution ~~comprise~~ further comprises a second single solution containing a buffer solution having ~~such~~ a pH and buffering capacity such that when upon mixing of said first and second single solutions ~~upon use~~ are ~~to be~~ mixed to form a final solution, said final solution has a pH of 6.0 - 7.6.

8. (Currently Amended) ~~The A~~ medical solution according to any of the previous claims claim 1 or 7, wherein the medical solution further contains one or more electrolytes.

9. (Currently Amended) ~~The A~~ medical solution according to claim 8, wherein said one or more electrolytes comprise one or more of the ions of sodium, calcium, potassium, magnesium ~~and/or~~ or chloride.

10. (Currently Amended) ~~The A~~ medical solution according to claim 1 ~~8-9~~, wherein ~~one or more electrolytes are arranged in said further comprising a second~~ single solution having one or more electrolytes.

11. (Currently Amended) ~~The A~~ medical solution according to any of the claims claim 8-10, wherein the one or more electrolytes are arranged in said first single solution.

12. (Currently Amended) ~~The A~~ medical solution according to any of the previous claims claim 7, wherein the medical solution further comprises a third single solution, ~~and wherein~~ said third single solution ~~also contains~~ containing glucose and/or glucose-like compounds and ~~has~~ having a pH of at least 1.8, ~~preferably at least 2.0 and a pH of at most 2.6, preferably at most 2.5, most preferably at most 2.3.~~

13. (Currently Amended) ~~The A~~ medical solution according to claim 12, wherein one or more electrolytes are arranged in said third single solution.

14. (Currently Amended) A medical solution according to claim 12 or claim 13, wherein said first and third single solutions contain different total amounts of glucose and/or glucose-like compounds, ~~wherein~~ and said first and third single solutions, ~~up on use, individually or jointly is/are to be~~ when mixed with said second

single solution, either individually or jointly, to form a final solution, and wherein said final solution has having a pH in the range of 6.0 - 7.6.

15. (Currently Amended) ~~The A~~ medical solution according to ~~any of~~ claims claim 7 to 14, wherein the ~~different~~ first and second single solutions are provided in different compartments in a multi-compartment bag before being mixed to form the final solution.

16. (Currently Amended) A method for producing a medical solution according to ~~any of the previous claims~~ claim 1, said method comprising:  
providing said first single solution ~~and optional second and third single~~ solutions in ~~separate~~ a compartment(s) ~~compartment[[,]]~~; and thereafter ~~terminal~~ terminally sterilizing said single solution(s) solution.

17. (Currently Amended) A method according to claim 16, wherein said step of terminally sterilizing terminal sterilization is comprises heat sterilization and/or radiation sterilization.

18. (Currently Amended) A method according to claim 16-~~or 17~~, wherein said step of terminally sterilizing terminal sterilization is comprises heat sterilization at a temperature of at least 100°C, preferably at least 121°C.

19. (Currently Amended) A method according to ~~any of claims 16-18~~ claim 25, wherein said first single solution and said second single solution, after terminal sterilization ~~and up on use~~, are mixed to form a final solution.

20. (Currently Amended) A method according to ~~any of claims 16-18~~ claim 26, wherein said second single solution and said third single solution, after terminal sterilization ~~and up on use~~, are mixed to form a final solution.

21. (Currently Amended) A method according to ~~any of claims 16-18~~  
claim 26, wherein said first single solution, said third single solution, and said second single solution, after terminal sterilization ~~and upon use~~, are mixed to form a final solution.

22. (Currently Amended) A multi-compartment bag comprising the medical solution according to ~~any of claims 1-15~~ one of claims 1, 7, and 12.

23. (Canceled)

24. (New) A medical solution according to claim 12, wherein the first, second, and third single solutions are provided in different compartments in a multi-compartment bag before being mixed to form the final solution.

25. (New) A method for producing a medical solution according to claim 7, said method comprising:

providing said first and second single solutions in separate compartments; and thereafter

terminally sterilizing said first and second single solutions.

26. (New) A method for producing a medical solution according to claim 12, said method comprising:

providing said first, second, and third single solutions in separate compartments; and thereafter

terminally sterilizing said first, second, and third single solutions.

27. (New) A method according to claim 25 or 26, wherein said step of terminally sterilizing comprises heat sterilization and/or radiation sterilization.

28. (New) A method according to claim 25 or 26, wherein said step of terminally sterilizing comprises heat sterilization at a temperature of at least 100°C.